

LABOKLIN GmbH & Co. KG, Steubenstraße 4, 97688 Bad Kissingen

Mrs.
Kirsten Laugesen
Hjerting Skovvej 4
6630 Roedding
Dänemark

Report No.:	2112-W-86394
Date of arrival:	16.12.2021
Date of report:	23.12.2021
Testing started:	16.12.2021
Testing completed:	23.12.2021

Species:	Dog
Breed:	Golden Retriever
Gender:	Male
Name:	Touch of Magic Made To Be Special
Stud book No.:	DK15420/2020
Chip No.:	208250000151465
Date of birth / Age:	07.08.2020
Type of sample:	EDTA-Blood
Date sample was taken:	13.12.2021
Sampler:	AniCura Sydvæt Dyrehospitaler
Owner / Animal-ID:	Laugesen, Kirsten
IT No. / Report-ID:	---

Progressive retina atrophy (GR_PRA1) - PCR

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for GR_PRA1 in the SLC4A3-gene.

Trait of inheritance: autosomal-recessive

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Golden Retriever Please note: There are other forms of PRA in this breed that will not be detected by this test.

Progressive Retinaatrophy (GR_PRA2) - PCR

Result: Genotype N/PRA

Interpretation: The examined animal is heterozygous for the causative mutation for GR_PRA2 in the TTC8-gene.

Trait of inheritance: autosomal-recessive

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Golden Retriever Please note: There are other forms of PRA in this breed that will not be detected by this test.

Neuronal Ceroid Lipofuszinosis (NCL) -PCR

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for NCL in the CLN5-gene.

Trait of inheritance: autosomal-recessive

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds:
Golden Retriever

prcd-PRA (partner lab) - PCR

Result: Genotype N/N (A)

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for prcd-PRA in the PRCD-gene.

Trait of inheritance: autosomal-recessive

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds:
Australian cattle dog, American Cocker Spaniel, American Eskimo Dog, Australian Shepherd, Australian Stumpy Tail Cattle Dog, Barbet, Bearded Collie, Bolognese, Bolonka Zwetna, Chesapeake Bay Retriever, Chihuahua, Chinese Crested, English Cocker Spaniel, English Shepherd, Entlebucher Mountain Dog, Finnish Lapphund, German Spitz, Giant Schnauzer, Golden Retriever, Jack Russell Terrier, Karelian Beardog, Kuvasz, Lagotto Romagnolo, Lapponian Herder, Labrador Retriever, Markiesje, Norwegian Elkhound, Nova Scotia Duck Tolling Retriever, Parson Russell Terrier, Portugese Water Dog, Poodle, Schipperke, Swedish Lapphund, Silky Terrier, Spanish Water Dog, Swedish Lapphund, Wäller, Yorkshire Terrier.

Ichthyosis - PCR

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for ichthyosis in the PNPLA1-gene.

Trait of inheritance: autosomal-recessive

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds:
Golden Retriever

Muscular Dystrophy - PCR

Result: Genotype female X(N)/X(N), male X(N)/Y

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for GRMD in the dystrophin-gene.

Trait of inheritance: X chromosomal-recessive

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds:
Golden Retriever

The current result is only valid for the sample submitted to our laboratory. The sender is responsible for the correct information regarding the sample material. The laboratory can not be made liable. Furthermore, any obligation for compensation is limited to the value of the tests performed.

There is a possibility that other mutations may have caused the disease/phenotype. The analysis was performed according to the latest knowledge and technology.

The laboratory is accredited for the performed tests according to DIN EN ISO/IEC 17025:2018. (except partner lab tests).

Sampling:

The following impartial person (veterinarian, breed warden, or similar) signed the form for the sampling and identity check of the animal:

AniCura Sydvét Dyrehospitaler

Breeding club discounts were granted for discountable services!

These results are based on the sample material submitted to our laboratory.

This was suitable if not stated otherwise. The submitter is responsible for the accuracy of the information regarding the sample. This report can only be transmitted in toto and unchanged. Doing otherwise requires written permission from Laboklin GmbH & Co. KG.

LABOKLIN is an accredited laboratory according to DIN EN ISO/IEC 17025:2018, DAkkS No. D-PL-13186-01-01 and D-PL-13186-1-02. The accreditation applies to all test procedures listed in the accreditation certificate.



Fr. MSc Michelle Meißler
Abt. Molekularbiologie

***** END of report *****



***** News from the laboratory *****

Autumn is diarrhoea season: Up to 70% of all immune defence cells are located in the intestine. Immunodeficiency is therefore often associated with intestinal dysbiosis. The analysis of dysbiosis helps to treat it in a targeted way. It now includes an intestinal score, which allows for an overall assessment! Available for dogs, cats and - new - for horses, too.